

Converting Colors

XYZ(19.5378, 21.0258, 21.5712)

Have a look what the booklet for
XYZ(19.5378, 21.0258, 21.5712)
contains.

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Color

**XYZ(19.5442, 21.1286,
21.4605)**

Conversions

Conversions Part 1

Format	Color
Hex	7C807A
RGB	124, 128, 122
RGB Percent	49%, 50%, 48%
CMY	0.5137, 0.4980, 0.5216
CMYK	0.03, 0.00, 0.05, 0.50
HSL	100°, 2%, 49%
HSV	100°, 5%, 50%
XYZ	19.5442, 21.1286, 21.4605
YIQ	126.1200, -0.4580, -2.7140

Conversions

Conversions Part 2

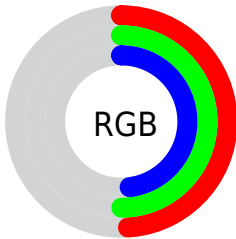
Format	Color
R_{YB}	122, 128, 126
Decimal	8159354
CIE Lab	53.09, -2.68, 2.73
CIE LCh	53, 3.827, 134.517
Yxy	21.1286, 0.3146, 0.3401
Android (android.graphics.Color)	4286349434 (0xFF7C807A)
YUV	126.1200, -2.0312, -1.8592
Hunter-Lab	45.9659, -4.5439, 4.4948

Details

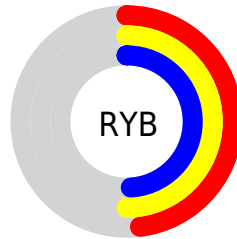
The XYZ color **19.5442, 21.1286, 21.4605** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.4609, 19.9138, 23.2413**, and the grayscale version is **19.8793, 20.9146, 22.7760**.

A 20% lighter version of the original color is **42.0684, 45.3338, 46.5775**, and **6.9002, 7.5689, 7.4006** is the 20% darker color. If you saturate the color by 10%, you get **17.6222, 20.2241, 17.4995**, and if you desaturate by 10%, it is **21.6787, 22.1318, 25.9777**.

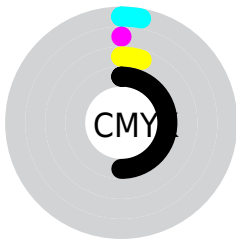
Distribution



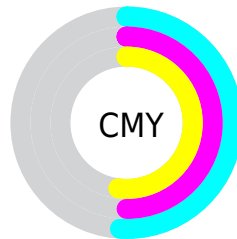
- Red (49%)
- Green (50%)
- Blue (48%)



- Red (48%)
- Yellow (50%)
- Blue (49%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (50%)



- Cyan (51%)
- Magenta (50%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5442, 21.1286, 21.4605 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 19.5442, 21.1286, 21.4605 by changing the saturation by 10% instead.

■ 19.5442, 21.1286,
21.4605

■ 19.5442, 21.1286,
21.4605

242.3177,
257.9611, 272.5768

■ 12.1705, 13.2180,
13.2665

■ 42.1615, 45.3015,
46.7434

■ 6.9329, 7.5789,
7.4794

■ 58.1357, 62.3326,
64.6694

■ 3.4661, 3.8267,
3.6807

■ 77.7076, 83.1726,
86.6764

■ 1.4048, 1.5771,
1.4519

101.2423,
108.2060, 113.1831

■ 0.2596, 0.3421,
0.1817

129.1054,
137.8172, 144.6079

■ 0.0000, 0.0000,
0.0000

161.6620,

172.3905, 181.3694

199.2777,
212.3103, 223.8862

■ 19.5442, 21.1286,
21.4605

■ 19.5442, 21.1286,
21.4605

■ 17.6222, 20.2241,
17.4995

■ 21.6787, 22.1318,
25.9777

■ 15.9042, 19.4125,
14.0720

■ 24.0303, 23.2338,
31.0700

■ 14.3837, 18.6916,
11.1553

■ 26.6058, 24.4383,
36.7572

■ 13.0530, 18.0581,
8.7252

■ 29.4111, 25.7480,
43.0576

■ 11.9042, 17.5082,
6.7549

■ 32.4518, 27.1652,
49.9889

■ 10.9285, 17.0383,
5.2155

■ 35.7334, 28.6926,
57.5679

■ 10.1163, 16.6440,
4.0745

■ 39.2612, 30.3325,
65.8108

■ 9.4572, 16.3208,
3.2950

■ 43.0404, 32.0871,
74.7333

■ 8.9373, 16.0627,
2.8246

■ 47.0758, 33.9588,
84.3507

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



19.8887, 21.1286, 20.9252



19.5442, 21.1286, 21.4605



19.3452, 21.1286, 22.4187

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



19.5442, 21.1286, 21.4605



19.8761, 21.1286, 25.2089



20.8409, 21.1286, 22.4542

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



19.5442, 21.1286, 21.4605



19.4609, 19.9138, 23.2413

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



20.8374, 21.1286, 23.6024



19.5442, 21.1286, 21.4605



20.2768, 21.1286, 25.2192

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



19.5442, 21.1286, 21.4605



19.5351, 21.1286, 24.5952



20.6298, 21.1286, 24.6228



20.6392, 21.1286, 21.4857

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



19.5442, 21.1286, 21.4605



19.3202, 21.1286, 23.1805



20.6298, 21.1286, 24.6228



20.8638, 21.1286, 22.8313

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



19.5448, 21.1295, 21.4610



35.7433, 37.8266, 40.5832



19.8767, 20.9170, 21.4024



8.3747, 8.8592, 9.5148



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



19.5448, 21.1295, 21.4610



33.8966, 36.9583, 36.7131



19.3210, 21.0070, 21.7758



4.5268, 4.9424, 4.8923



8.6285, 15.8106, 2.5970



0.0000, 0.0000, 0.0000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



19.4609, 19.9138, 23.2413



33.7050, 34.1828, 40.7778



19.6932, 20.0411, 22.9101



4.5003, 4.5576, 5.4558



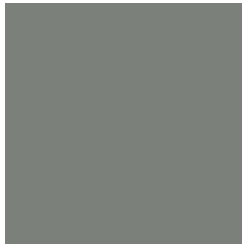
7.6120, 3.4778, 20.5200



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 19.5442, 21.1286, 21.4605 looks on a white background.

Color Contrast Check

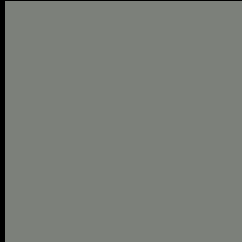
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 19.5442, 21.1286, 21.4605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

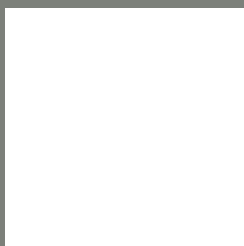
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.5442, 21.1286, 21.4605

Background



This preview shows how black text looks on a background with the XYZ color 19.5442, 21.1286, 21.4605.



This preview shows how white text looks on a background with the XYZ color 19.5442, 21.1286,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

19.5442, 21.1286, 21.4605

Protanopia

20.1180, 21.0480, 21.0915

Deuteranopia

21.3499, 20.9246, 21.6525



Tritanopia

20.5090, 21.1349, 26.2911

Trichromacy



Original Color

19.5442, 21.1286, 21.4605

Protanomaly

19.9426, 21.1484, 21.1201

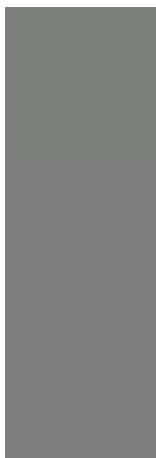
Deuteranomaly

20.6143, 20.9137, 21.6891

Tritanomaly

20.1436, 21.1774, 24.4987

Monochromacy



Original Color

19.5442, 21.1286, 21.4605

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.7485, 21.0194, 22.4183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5442, 21.1286, 21.4605 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(124, 128, 122) looks like.

```
.text, #text, p{  
    color:rgb(124, 128, 122)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(124, 128, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 128, 122) }
```

Border

The CSS property to change the border of an element to XYZ 19.5442, 21.1286, 21.4605 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(124, 128, 122) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(124, 128, 122) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(124, 128, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 128, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 128, 122);  
box-shadow:4px 4px 4px 4px rgb(124, 128,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5442, 21.1286, 21.4605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 128, 122) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(124,  
128, 122) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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